

California Department of Toxic Substances Control (DTSC)
P2 E-News, Volume 2, Number 7
July 2007

Welcome to P2 E-News!

In this issue of P2 E-News we include stakeholder meeting dates for the California Green Chemistry Initiative, calendars for the Environmental Chemistry Laboratory seminar series, upcoming DTSC SB 14 workshops, new guidance materials, and more!

As always, please feel free to tell your friends and associates about P2 E-News! Anyone interested in receiving P2 E-News is welcome to subscribe using the DTSC Listserv webpage at <http://www.calepa.ca.gov/Listservs/dtsc/ListSubscribe.asp?LID=55>

Got ideas for future issues? Send your comments or suggestions on how we can better serve you to P2@dtsc.ca.gov, or call the Pollution Prevention Hotline at (800) 700-5854.

Pollution Prevention (P2) - Changing the way we think and act so we can reduce or eliminate the creation of waste and pollution

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**The California Green Chemistry Initiative**

**Green Chemistry Symposia**

The agendas of the first two Green Chemistry Symposia are on the DTSC Green Chemistry Initiative website, and include links to speaker bios and presentations of many of the speakers. <http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistryResources/PastGCSymposia.cfm>

Keep your eyes peeled for Green Chemistry Symposium #3! It will be announced on the website as well as on P2 E-news and the California Green Chemistry Initiative listserv described below!

**Stakeholder Participation**

**-Stakeholder meetings:**

The next Stakeholder meeting of the Green Chemistry Initiative will take place at BD Biosciences, a member of the Silicon Valley Manufacturer's Group.

Date: Friday, August 17, 2007,

Time: 10:00 am - 2:00 pm

Location: BD Biosciences, 2350 Qume Drive, San Jose, CA 95131

We hope you will be able to attend and contribute your ideas for a comprehensive approach to a California chemicals policy.

The Green Chemistry Initiative is coming soon to a location near you. Stakeholder meetings are scheduled as follows:

September 19th - Great Valley Center in Modesto

October 3rd - to be determined

October 24th - to be determined

November 14th - to be determined

December 5th - to be determined

Details about the upcoming meetings will be posted on the Green Chemistry Initiative Listserv, website and P2 E-news as they become available.

### **"A Conversation with California" Journal/Blog space**

Participants are taking the opportunity to share their thoughts about Green Chemistry topics on the blog. Visit the Blog site and see!

<http://californiagreenchemistry.squarespace.com/journal/>

### **Green Chemistry Initiative Listserv**

This listserv is dedicated to distributing current news and events related to the Green Chemistry Initiative. Subscribe at: <http://www.calepa.ca.gov/Listservs/dtsc/ListSubscribe.asp?LID=64>

If you are on an office Local Area Network that has strong spam filtering, you may need to notify your Information Technology staff that you have subscribed. But if you subscribed to this listserv without problems, then you'll likely have no problems with Green Chemistry!

Visit <http://www.dtsc.ca.gov/PollutionPrevention/GreenChemistryInitiative/index.cfm> for our most current program features and offerings, and we again invite you to contribute to the development of a comprehensive chemical policy and long-term environmental protection for California.

If you have any questions, comments or suggestions, please contact Green Chemistry Program staff at [green.chemistry@dtsc.ca.gov](mailto:green.chemistry@dtsc.ca.gov).

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Formula Green?

"The most technically advanced and heavily-funded form of motor sport will now be obliged to focus on fuel economy, one of the key issues that concern ordinary drivers. Consequently, Formula One will become relevant and useful again, rather than just an advanced form of horse racing." From EV World <http://www.evworld.com/article.cfm?storyid=1046>

During the 50 years since its inception, the Formula 1 racing industry has contributed many beneficial technologies to the automotive industry. Dynamic stability, antilock brakes, active suspension, fuel injection and electronically controlled variable valve timing are a few of the technologies that were developed and perfected for Formula 1 cars that now benefit passenger car owners with safety and efficiency. But as each technology helped the cars go faster, the governing body of Formula 1, the Fédération Internationale de l'Automobile (FIA), passed rules to limit the technology so that the cars did not become dangerously fast or unmanageable, something that makes sense when you consider that much of European formula racing occurs on city streets and highways. Many feel that much of the recent research and development has gone toward squeezing higher and higher speed and power out of the gasoline engine, something that is of limited use to the public now that the move is toward biofuels and increased efficiency. To help turn Formula 1 engineering back to more widely beneficial fields, current FIA president Max Moseley has announced that the Formula 1 governing body will phase in rules that will allow the use of hybrid-electric, kinetic recovery, heat recovery, and other energy storage technologies into racing, starting in 2009. By 2011, the cars will be limited to a fixed amount of fuel to complete each race. Formula 1 design is one of the most prestigious and well-funded engineering fields, and the introduction of green technologies to this very competitive industry promises big breakthroughs in transportation efficiency in the future. See the article "Power Games" in the

June 21, 2007 issue of Nature.

<http://www.nature.com/nature/journal/v447/n7147/full/447900a.html>

Delta Airlines Offering Carbon Offset Contribution

Delta Air Lines is partnering with The Conservation Fund, a leading environmental nonprofit organization dedicated to protecting land and water resources, to become the first U.S. airline to help its customers give back to the environment by buying trees to help offset carbon emissions associated with air travel. Beginning June 1, customers who purchase a ticket online at delta.com will have the option to contribute toward the offset of carbon emissions associated with air travel through a donation to The Conservation Fund. Contributions of \$5.50 for a domestic roundtrip flight and \$11 for an international roundtrip flight will be used by The Conservation Fund to plant trees throughout the U.S. and abroad. A small portion of the donation also supports the organization's education and outreach efforts.

Read the full story at The Conservation Fund website:

<http://www.conservationfund.org/node/539>

SB 14 News and Information

SB 14 Workshops – and then there was one

We're nearly finished with our series of SB 14 planning and reporting training workshops. The last training will be on July 27 in Santa Clara; schedules and location information are available on the DTSC website at

<http://www.dtsc.ca.gov/PollutionPrevention/SB14/upload/SB14Training20071.pdf>.

Facilities and interested parties may also call DTSC at (916) 322-3670 for more information.

If you were unable to attend any of the workshops, you can still take advantage of DTSC training by reviewing the 2007 SB 14 Power point Training Slides, the instructional slide shows that are designed to help you prepare the required documents in compliance with SB 14 requirements.

http://www.dtsc.ca.gov/PollutionPrevention/SB14/P2_presentations_SB14.cfm. These slides have been updated to clarify issues and answer common questions that came up during the course of this year's workshop presentations.

SB14 FAQS of the month

Between now and September, P2 E-news will include one or more of the most Frequently-Asked-Questions that have come up during the SB-14 workshops. For the June issue, we have a very common question:

Q) Is every waste stream at my research and development laboratory exempt from SB 14?

A) Not every waste stream is exempt, only those waste streams that are non-routine. Waste generated from the actual research is exempt, but wastes from production lines are not. Routine generation of common lab wastes (e.g. HPLC instrumentation, pathology and microbiology preps and stains, etc.) can be subject unless the waste is unique to the research activity. The nature of research can make these wastes difficult to categorize, so if you have a questions about your laboratory-scale research waste stream eligibility, contact our SB 14 Office of Pollution Prevention and Technology Development at (916) 322-3670 or e-mail at sb14@dtsc.ca.gov.

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## Workshops and Training

### Nanotech

The Woodrow Wilson Center will be hosting a web cast entitled  
"Where Does the Nano Go? End of Life Regulation of Nanotechnologies"  
Date: Thursday, July 26, 2007 from  
Time: 9:30-10:30 am PST (12:30 p.m. - 1:30 pm EST).  
The web cast can be viewed at [www.wilsoncenter.org/nano](http://www.wilsoncenter.org/nano).

### FYI Speaker Series

The Environmental Chemistry Laboratory (ECL) is hosting bi-weekly seminars (2nd and 4th Wednesdays) from 2-3 p.m. at the Environmental Chemistry Laboratory in Berkeley. The final three presentations for 2007 are:

August 8, 2007: "Polybrominated diphenyl ethers in California waste streams"

October 24, 2007: "Occupational exposure to hazardous substances in laboratories"

November 14, 2007: "Endocrine disrupting chemicals in consumer products"

View the complete schedule and presenters for 2007:  
<http://www.dtsc.ca.gov/AssessingRisk/upload/ECLSeminarMar2007.pdf>

For more information, please contact Dr. F. Reber Brown at [frbrown@dtsc.ca.gov](mailto:frbrown@dtsc.ca.gov) and see DTSC's  
"Emerging Chemicals of Concern" webpage at:  
<http://www.dtsc.ca.gov/AssessingRisk/EmergingContaminants.cfm>

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DTSC Regulations

DTSC's current regulatory package in the 45-day public comment period is:

Permit by Rule for Treatment of Aqueous Wastes Containing Cyanides Public Comment
45-day Comment Period: 06/15/07 to 07/31/07
Public Notice: http://www.dtsc.ca.gov/LawsRegsPolicies/Regs/Cyanide_Proposed.cfm.

To check on public notices for Proposed Regulations and Public Notices on Hazardous Waste Sites and Facilities, go to the webpage <http://www.dtsc.ca.gov/PublicNotices.cfm>.

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**That's all for this month!**

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